**CBUS 214: Spreadsheet Applications for Business**

**Homwork 2**

**Date: 30/3/2015**

**Due Date: 6/4/2015**

1. Start Excel to create a new workbook.

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | *YourName* | **ID:** | *YourID* |

1. Save the workbook file with the name *HW2YourName* .
2. In cells A1 to D1, enter the following information
3. Merge the cells from A2 to H2 , and then enter **Sale Report**
4. Enter the following information in cells A3 – G18.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Month** | **Salesman** | **Region** | **Product** | **No. Customers** | **Net Sales** | **Profit / Loss** |
| Jan-07 | Joseph | North | FastCar | 8 | 1,592 | 563 |
| Jan-07 | Joseph | North | RapidZoo | 8 | 1,088 | 397 |
| Jan-07 | Joseph | West | SuperGlue | 8 | 1,680 | 753 |
| Jan-07 | Joseph | West | FastCar | 9 | 2,133 | 923 |
| Jan-07 | Joseph | West | RapidZoo | 10 | 1,610 | 579 |
| Jan-07 | Joseph | Middle | SuperGlue | 10 | 1,540 | 570 |
| Jan-07 | Joseph | Middle | FastCar | 7 | 1,316 | 428 |
| Jan-07 | Joseph | Middle | RapidZoo | 7 | 1,799 | 709 |
| Jan-07 | Lawrence | North | SuperGlue | 8 | 1,624 | 621 |
| Jan-07 | Lawrence | North | FastCar | 6 | 726 | 236 |
| Jan-07 | Lawrence | North | RapidZoo | 9 | 2,277 | 966 |
| Jan-07 | Lawrence | West | SuperGlue | 6 | 714 | 221 |
| Jan-07 | Lawrence | West | FastCar | 9 | 2,682 | 1,023 |
| Jan-07 | Lawrence | West | RapidZoo | 6 | 1,500 | 634 |
| Jan-07 | Lawrence | Middle | SuperGlue | 7 | 917 | 403 |

1. Convert the table to PivotTable and **calculate the sum of net sales according to regions.**
2. Create a PivotChart using PivotTable.
3. Calculate the Sum of Net Sales for Region “North”.
4. Calculate the count of Customers for salesman called “Joseph”.
5. Calculate the average of profit for Region “West”.
6. Save the workbook.